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((DETECT\$3 OR DETERMIN\$7) NEAR5 RETIR\$7 NEAR5 (INSTRUCTION\$1 OR MICROINSTRUCTION\$1) NEAR9 (UPDAT\$3)).USPT.	20

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DATE: Wednesday, January 21, 2004 [Printable Copy](#) [Create Case](#)

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Search Results - Record(s) 1 through 19 of 19 returned.

☐ 1. Document ID: US 6651161 B1

L8: Entry 1 of 19

File: USPT

Nov 18, 2003

US-PAT-NO: 6651161

DOCUMENT-IDENTIFIER: US 6651161 B1

TITLE: Store load forward predictor untraining

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6631460 B1

L8: Entry 2 of 19

File: USPT

Oct 7, 2003

US-PAT-NO: 6631460

DOCUMENT-IDENTIFIER: US 6631460 B1

TITLE: Advanced load address table entry invalidation based on register address wraparound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6622237 B1

L8: Entry 3 of 19

File: USPT

Sep 16, 2003

US-PAT-NO: 6622237

DOCUMENT-IDENTIFIER: US 6622237 B1

TITLE: Store to load forward predictor training using delta tag

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6216200 B1

L8: Entry 4 of 19

File: USPT

Apr 10, 2001

US-PAT-NO: 6216200

DOCUMENT-IDENTIFIER: US 6216200 B1

TITLE: Address queue

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6112300 A

L8: Entry 5 of 19

File: USPT

Aug 29, 2000

US-PAT-NO: 6112300

DOCUMENT-IDENTIFIER: US 6112300 A

TITLE: Method and apparatus for performing multi-way branching using a hardware relational table

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6108770 A

L8: Entry 6 of 19

File: USPT

Aug 22, 2000

US-PAT-NO: 6108770

DOCUMENT-IDENTIFIER: US 6108770 A

TITLE: Method and apparatus for predicting memory dependence using store sets

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5897664 A

L8: Entry 7 of 19

File: USPT

Apr 27, 1999

US-PAT-NO: 5897664

DOCUMENT-IDENTIFIER: US 5897664 A

TITLE: Multiprocessor system having mapping table in each node to map global physical addresses to local physical addresses of page copies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 5845103 A

L8: Entry 8 of 19

File: USPT

Dec 1, 1998

US-PAT-NO: 5845103

DOCUMENT-IDENTIFIER: US 5845103 A

TITLE: Computer with dynamic instruction reuse

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: US 5781922 A

L8: Entry 9 of 19

File: USPT

Jul 14, 1998

US-PAT-NO: 5781922

DOCUMENT-IDENTIFIER: US 5781922 A

**** See image for Certificate of Correction ****

TITLE: Page boundary caches

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 10. Document ID: US 5664215 A

L8: Entry 10 of 19

File: USPT

Sep 2, 1997

US-PAT-NO: 5664215

DOCUMENT-IDENTIFIER: US 5664215 A

TITLE: Data processor with an execution unit for performing load instructions and method of operation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 11. Document ID: US 5649203 A

L8: Entry 11 of 19

File: USPT

Jul 15, 1997

US-PAT-NO: 5649203

DOCUMENT-IDENTIFIER: US 5649203 A

TITLE: Translating, executing, and re-translating a computer program for finding and translating program code at unknown program addresses

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 12. Document ID: US 5621896 A

L8: Entry 12 of 19

File: USPT

Apr 15, 1997

US-PAT-NO: 5621896

DOCUMENT-IDENTIFIER: US 5621896 A

TITLE: Data processor with unified store queue permitting hit under miss memory accesses

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 13. Document ID: US 4890223 A

L8: Entry 13 of 19

File: USPT

Dec 26, 1989

US-PAT-NO: 4890223

DOCUMENT-IDENTIFIER: US 4890223 A

**** See image for Certificate of Correction ****

TITLE: Paged memory management unit which evaluates access permissions when creating translator

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 14. Document ID: US 4800489 A

L8: Entry 14 of 19

File: USPT

Jan 24, 1989

US-PAT-NO: 4800489

DOCUMENT-IDENTIFIER: US 4800489 A

TITLE: Paged memory management unit capable of selectively supporting multiple address spaces

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 15. Document ID: US 4766537 A

L8: Entry 15 of 19

File: USPT

Aug 23, 1988

US-PAT-NO: 4766537

DOCUMENT-IDENTIFIER: US 4766537 A

TITLE: Paged memory management unit having stack change control register

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 16. Document ID: US 4763250 A

L8: Entry 16 of 19

File: USPT

Aug 9, 1988

US-PAT-NO: 4763250

DOCUMENT-IDENTIFIER: US 4763250 A

TITLE: Paged memory management unit having variable number of translation table levels

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 17. Document ID: US 4763244 A

L8: Entry 17 of 19

File: USPT

Aug 9, 1988

US-PAT-NO: 4763244

DOCUMENT-IDENTIFIER: US 4763244 A

TITLE: Paged memory management unit capable of selectively supporting multiple address spaces

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 18. Document ID: US 4410941 A

L8: Entry 18 of 19

File: USPT

Oct 18, 1983

US-PAT-NO: 4410941

DOCUMENT-IDENTIFIER: US 4410941 A

TITLE: Computer having an indexed local ram to store previously translated virtual addresses

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 19. Document ID: US 4277826 A

L8: Entry 19 of 19

File: USPT

Jul 7, 1981

US-PAT-NO: 4277826

DOCUMENT-IDENTIFIER: US 4277826 A

**** See image for Certificate of Correction ****

TITLE: Synchronizing mechanism for page replacement control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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<i>DB=USPT; PLUR=YES; OP=OR</i>			
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<u>L13</u>	l9 or l11 or L12	22672	<u>L13</u>
<u>L12</u>	((((717/101-178)))!)!)![CCLS]	3993	<u>L12</u>
<u>L11</u>	((((711/123-221)))!)!)![CCLS]	11915	<u>L11</u>
<u>L10</u>	((711/123-221))!	0	<u>L10</u>
<u>L9</u>	((712/2-300)!)![CCLS]	8282	<u>L9</u>
<u>L8</u>	(712/2-300)!	0	<u>L8</u>
<u>L7</u>	((((717/101-178)))!)!	0	<u>L7</u>
<u>L6</u>	l3	0	<u>L6</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	((((717/101-178)))!)!	0	<u>L5</u>
<u>L4</u>	((711/123-221))!	0	<u>L4</u>

<u>L3</u>	(712/2-300)!	0	<u>L3</u>
<u>L2</u>	L1 and (nop or no near1 op or branch\$3 or predicat\$3 or modif\$6)	62	<u>L2</u>
<u>L1</u>	(earl\$3 or advanc\$3) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1)	71	<u>L1</u>

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Search Results - Record(s) 1 through 13 of 13 returned.☐ 1. Document ID: US 20030145136 A1**Using default format because multiple data bases are involved.**

L7: Entry 1 of 13

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030145136

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030145136 A1

TITLE: Method and apparatus for implementing a relaxed ordering model in a computer system

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tierney, Gregory E.	Chelmsford	MA	US	
Gibney, Thomas J.	Watertown	MA	US	
Van Doren, Stephen R.	Northborough	MA	US	

US-CL-CURRENT: 710/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des
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☐ 2. Document ID: US 20020144096 A1

L7: Entry 2 of 13

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020144096

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020144096 A1

TITLE: Retiring early-completion instructions to improve computer operation throughput

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burch, Carl D.	Cupertino	CA	US	

US-CL-CURRENT: 712/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20020144095 A1

L7: Entry 3 of 13

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020144095

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020144095 A1

TITLE: Retiring early-completion instruction to improve computer operation
throughput

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burch, Carl D.	Cupertino	CA	US	

US-CL-CURRENT: 712/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20020144094 A1

L7: Entry 4 of 13

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020144094

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020144094 A1

TITLE: Retiring early-completion instructions to improve computer operation
throughput

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burch, Carl D.	Cupertino	CA	US	

US-CL-CURRENT: 712/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6247121 B1

L7: Entry 5 of 13

File: USPT

Jun 12, 2001

US-PAT-NO: 6247121

DOCUMENT-IDENTIFIER: US 6247121 B1

TITLE: Multithreading processor with thread predictor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 6247121 B1

L7: Entry 6 of 13

File: DWPI

Jun 12, 2001

DERWENT-ACC-NO: 2001-601051

DERWENT-WEEK: 200168

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TITLE: Multithreading processor e.g. shared resource multithreading processor, has predictor training mechanism to detect if potential thread of interest meets test of thread goodness and accordingly updates state machines

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 2831926 A

L7: Entry 7 of 13

File: USOC

Apr 22, 1958

US-PAT-NO: 2831926

DOCUMENT-IDENTIFIER: US 2831926 A

TITLE: Signaling system controlled from a subscriber station

DATE-ISSUED: April 22, 1958

INVENTOR-NAME: BERCH WILLIAM H

US-CL-CURRENT: 379/296; 379/341, 379/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 8. Document ID: US 1924095 A

L7: Entry 8 of 13

File: USOC

Aug 29, 1933

US-PAT-NO: 1924095

DOCUMENT-IDENTIFIER: US 1924095 A

TITLE: Telephone system

DATE-ISSUED: August 29, 1933

INVENTOR-NAME: GRIFFINS MORRIS E

US-CL-CURRENT: 379/243; 379/338

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: US 1767752 A

L7: Entry 9 of 13

File: USOC

Jun 24, 1930

US-PAT-NO: 1767752

DOCUMENT-IDENTIFIER: US 1767752 A

TITLE: Feed mechanism for drilling machines

DATE-ISSUED: June 24, 1930

INVENTOR-NAME: JOSEPH FRIEDL

US-CL-CURRENT: 74/842; 74/625

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: US 1554452 A

L7: Entry 10 of 13

File: USOC

Sep 22, 1925

US-PAT-NO: 1554452

DOCUMENT-IDENTIFIER: US 1554452 A

TITLE: Heating furnace

DATE-ISSUED: September 22, 1925

INVENTOR-NAME: MASKREY ARTHUR J

US-CL-CURRENT: 432/186; 110/263

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 11. Document ID: US 1544069 A

L7: Entry 11 of 13

File: USOC

Jun 30, 1925

US-PAT-NO: 1544069

DOCUMENT-IDENTIFIER: US 1544069 A

TITLE: Mining machine

DATE-ISSUED: June 30, 1925

INVENTOR-NAME: LOBBEY FRED T

US-CL-CURRENT: 299/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 12. Document ID: US 1384206 A

L7: Entry 12 of 13

File: USOC

Jul 12, 1921

US-PAT-NO: 1384206

DOCUMENT-IDENTIFIER: US 1384206 A

TITLE: Briquet-machine

DATE-ISSUED: July 12, 1921

INVENTOR-NAME: MOREN SWAN E

US-CL-CURRENT: 425/547; 425/422, 425/556, 425/579

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 1338146 A

L7: Entry 13 of 13

File: USOC

Apr 27, 1920

US-PAT-NO: 1338146

DOCUMENT-IDENTIFIER: US 1338146 A

TITLE: Alarm-actuating apparatus

DATE-ISSUED: April 27, 1920

INVENTOR-NAME: MEADOWCROFT JOHN R

US-CL-CURRENT: 169/23; 116/67R, 137/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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OS	220334
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LIKELY	438983
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